

? show file

File 275:Gale Group Computer DB(TM) 1983-2004/Jun 10  
(c) 2004 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jun 10  
(c) 2004 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2004/Jun 09  
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File 16:Gale Group PROMT(R) 1990-2004/Jun 10  
(c) 2004 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2004/Jun 10  
(c) 2004 The Gale Group  
File 624:McGraw-Hill Publications 1985-2004/Jun 09  
(c) 2004 McGraw-Hill Co. Inc  
File 15:ABI/Inform(R) 1971-2004/Jun 10  
(c) 2004 ProQuest Info&Learning  
File 647:CMF Computer Fulltext 1988-2004/May W5  
(c) 2004 CMF Media, LLC  
File 674:Computer News Fulltext 1989-2004/May W5  
(c) 2004 IDG Communications  
File 696:DIALOG Telecom. Newsletters 1995-2004/Jun 09  
(c) 2004 The Dialog Corp.  
File 369:New Scientist 1994-2004/May W5  
(c) 2004 Reed Business Information Ltd.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 610:Business Wire 1999-2004/Jun 10  
(c) 2004 Business Wire.  
File 613:PR Newswire 1999-2004/Jun 10  
(c) 2004 PR Newswire Association Inc  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
? ds

Set	Items	Description
S1	573081	(DATABASE? OR NETWORK?) (2N) MANAGEMENT
S2	32714	RH OR RHM OR (REQ? ? OR REQUEST?) (2N) HANDL?
S3	5630409	CONTROL? ? OR CONTROLL?
S4	396073	CLIENT? ? (2W) SERVER? OR CLIENTSERVER?
S5	1158	S1 AND S2
S6	356	S5 AND S4
S7	573270	SCALAB?
S8	115	S6 AND S7
S9	2268	DATABASE? (2N) (ID OR IDENTIFICAT?)
S10	1937683	DATABASE?
S11	9464	S10(2N) (LOAD? OR DOWNLOAD?)
S12	8	S6 AND S11
S13	7	S6 AND S9
S14	192835	REPLICAT?
S15	50568	LOAD? (2N) BALANC?
S16	3132392	SCHEUDUL?
S17	159374	TIMEOUT? OR TIME? (2N) OUT? ?
S18	12280	(REQ? ? OR REQUEST?) (2N) HANDL?
S19	60902	S1 AND (ASSIGN? OR REASSIGN? OR RE(W)ASSIGN? OR MAP? OR RE-

MAP? OR RE(W)MAP?)  
S20 478 S19 AND S11  
S21 15 S20 AND S2  
S22 6 S21 AND S4  
S23 1 S21 AND S9  
S24 1 S21 AND S15  
S25 9 S21 AND (S14 OR S16)  
S26 1 S21 AND S17  
S27 9 S22 OR S23 OR S24 OR S25 OR S26  
S28 9 S27 AND (DATABASE? OR NETWORK? OR SERVER?)  
S29 577178 SEQUENTIAL? OR PARALLEL?  
S30 4 S28 AND S29  
S31 4 S21 AND S29  
S32 15 S21 AND HANDL?  
S33 15 S32 AND S3  
S34 15 S32 OR S21 OR S33  
S35 4 S34 AND S29  
S36 15 S21 OR S32 OR S33 OR S34  
S37 23 S36 OR S12 OR S13  
S38 14 S12 OR S13  
S39 9 S38 AND (S29 OR S15 OR S16 OR S17 OR BALANC?)  
S40 9 S S36 OR S39  
S41 19 S36 OR S39  
? t s41/3,k/1-19

41/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02490112 SUPPLIER NUMBER: 72606401 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Helpdesk Heroes -- EDS' Managed WorkSpace Services solution provides our  
fictional hospital with great savings today and a promise of supporting  
growth tomorrow. (Industry Trend or Event)  
Doherty, Sean  
Network Computing, 53  
April 2, 2001  
ISSN: 1046-4468 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 6109 LINE COUNT: 00509

... and offerings from PeopleSoft. Metro also has clinical, diagnostic  
and patient data warehoused in Oracle **databases**.

Oracle user **identifications** and passwords are handled  
separately from Metro's NT domain database and are reserved for...

...Respond to all voicemail messages within four hours and e-mail messages  
within two hours.

- **Schedule** on-site visits for supported software within five  
days.

- Triage high-priority calls to Metro...field problem calls by phone  
or e-mail, and record the calls into a problem-**management**  
**database** as a service request or trouble ticket. At that time, the  
RMC "assume(s) ownership..."

...project and procurement requests, providing management with a point of  
entry. The business support center **handles** **requests** to install,  
move, add or change support for hardware, software, and voice products and  
services...design, install and manage information-management opportunities;  
expanded IT support services that include LAN and **client/server**

systems; and imaging and electronic document management. Last, EDS' consulting firm, A.T. Kearney, can...wizard provides the flexibility to customize automatic ticket closures, notifications, escalation procedures and call-back **scheduling** of open tickets to tailor services to Metro's needs.

Fused Solutions, like Seneca, would...s terms and conditions for answering calls and responding to voicemail and e-mail. However, **scheduling** on-site visits for software problems is a full-service solution, not part of OCS...to answering calls, voicemail and e-mail. Seneca, like Fused Solutions, would not commit to **scheduling** on-site visits to support software within five days. It leaves this to a partner...

41/3, K/2 (Item 2 from file: 275)  
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02012171 SUPPLIER NUMBER: 18862114 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Integrating the Web with SNA host environments. (Technology Information)  
Morse, Paul  
Enterprise Systems Journal, v11, n11, pS2(8)  
Nov, 1996  
ISSN: 1053-6566 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 7179 LINE COUNT: 00590

... enable highly customized applications. Implementers can easily add custom applications into the Web server's **request-handling** process for client authentication routines or database logging. \* APIS are more efficient. All server applications...similar approach to enhancing Web computing. One of its latest contributions is ActiveX - specifically, **ActiveX Controls**, which provide the framework for developing interactive applications over the Web. **ActiveX Controls** are reusable software components you can use to quickly add specialized functionality to Web sites, desktop applications and development tools. Microsoft has designed this technology so that existing **OLE Controls** (OCX) can act as **ActiveX Controls**.

Like Java, **ActiveX Controls** are downloadable programs that can be distributed over a TCP/IP network and executed immediately. Unlike Java, the applications associated with **ActiveX Controls** can be put on disk for future use. When a browser such as Microsoft's Internet Explorer V3.0 encounters a Web page with an **ActiveX Control**, it first checks the user's local system registry to determine if that ActiveX component is available on the local system. If the **Control** is available, it will display the Web page by activating the **Control** within the Web page. If the **Control** is not already installed on the user's computer, the browser will automatically install the...

...variety. of gateway techniques from Microsoft, IBM and others. These gateways communicate with the **network-controlling** software component on the mainframe, called the Virtual Telecommunications Access Method (VTAM). VTAM establishes and **controls** the connections between 3270 users on the SNA network and the mainframe applicafions to which...

...organizafion. It allows the SNA Server and Web server to be under the direct developmental **control** of a local development group while providing secure, remote access to SNA host data over...for that matter the Windows NT Server and applicafions that run on it, can be **controlled** by host NetView.

The central SNA Server hardware should be reliable and capable of providing...

...development is required. Because the sessions look like typical 3270 or 5250 terminals, they are **handled** by, anx- security- system on the host, such as RACF, ACF2 or TopSecret. The product...

#### ...On-demand Emulator Download

With the introduction of Java and the recent upgrade of ActiveX **Controls**, it is possible to provide more traditional 3270 and 5250 emulation via the Web ...Web paradigm is gaining momentum. There are two basic methods:

Database Replication - This method involves **downloading** an entire **database** or selected database fields into an ODBC-compliant database on the Web server system. Any browser-requested data or resultant browser input data is **handled** by the local system. At some predetermined time, the Web system database or selected fields...into HTML for delivery, by HTTP. The solution approaches vary, but they generally involve ActiveX **Controls** that provide translation of data from a variety of data sources - database queries, Visual Basic...based data sources, it must be formatted for display on any Web browser. An ActiveX **Control** is used to automatically generate HTML from any Visual Basic form, a capability which improves...

...casual Intranet-only uses, Emissary Host Publishing System provides the ability to do a direct **mapping** of 3270 terminal behavior to an intranet browser. The target audience for this 'Html-on...value and the availability of SNA mainframe and midrange applications and data without sacrificing SNA **network** performance, **management** or security.

#### Don't Change Anything

The real benefit of the OpenConnect Systems approach is...

...WebConnect Gold has virtually eliminated these ownership costs by allowing end-point maintenance, version-level **control**, configuration management and software distribution.

#### A Powerful Companion Product

OpenVista(TM) is a cross-platform...

41/3,K/3 (Item 3 from file: 275)  
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01857056 SUPPLIER NUMBER: 17420436 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
The new workgroup servers.(includes related article on other workgroup  
servers) (Cover Story)  
Price, Josh; Vijay, Bharat  
DBMS, v8, n10, p44(8)  
Sep, 1995  
DOCUMENT TYPE: Cover Story ISSN: 1041-5173 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 7881 LINE COUNT: 00648

... current hardware and software prices and recent moves by many packaged application vendors to offer **client/server** implementations based on relational servers, more small organizations are finding relational servers a necessity. Relational...tasks may be nearly identical on many of the servers involved. The only way to **handle** these maintenance tasks (aside from hiring more DBAs) is to automate them.

Therefore, features for...

...strong references. The standalone version is bundled with PowerBuilder, one of the industry's leading **client/server** development tools.

This has made Watcom a de facto standard for standalone or mobile versions

...code from ANSI-standard SQL to Transact SQL. Watcom will also support Sybase's Open **Client/Open Server**, which means that Open Client applications such as DB-Library and CT-Library applications developed...

...systems require transferring all changes that accumulated since the last replication. The intermediate server can **handle** these **requests** quickly without degrading performance on other systems. These new developments should make Watcom SQL and...

...SQL should provide a stored procedure management and development tool that provides more flexibility in **handling** errors in stored procedures. Another area that Watcom really needs to address is documentation. The support for industry standards such as **MAPI**, **VIM**, and **MHS**, and transparency in these areas will become a key requirement for mobile...

...SQL Server 6.0). In addition to supporting typical DBA tasks such as user administration, **database file management**, and **database object management**, SQL Console also has an alarm and **scheduler** facility to set up alarms in the database and **schedule** activities and run scripts, a stored procedure editor, and remote administration capabilities with an SNMP...

...it supports administrative functions such as device management, server management, and object management. Its **task-scheduling** features let you execute stored procedures on demand, at a certain time, or on a...

...or to page an operator. It also has a backup/ restore capability that lets you **schedule** and configure your backup and restore operations. Its replication configuration tool lets you set up...

...GUI-based utilities for routine system administration and maintenance, and is the first to offer **database management** in the form of OLE automation. The performance additions, such as **parallel** scans and maintenance performance improvements like DBCC, update statistics, and index creation, do not require...run the same server on everything from high-end notebook computers to the largest massively **parallel** Unix systems.

Microsoft's near-term strategy is apparent in the recently released SQL Server...

...the process of scaling in two directions: up to very large databases with its new **parallel** query offerings for decision support and database administration, and down to the desktop and workgroup...

...Oracle Workgroup Server is the same engine as its enterprise server product, but without the **parallel** query, distributed database, or replication features. Workgroup Server also has a maximum number of concurrent...

...products, and multimedia and text retrieval products. It has leading-edge RDBMS features such as **parallel** query, distributed databases, replication, and support for massively **parallel** processing systems and clustered systems. Its development tools include Designer/2000 and Developer/2000 for...

...used Oracle Objects for OLE as a drop, in replacement for the Visual Basic data **control**, and found it to be a high-performance mechanism to connect to Oracle. It exploits...stored procedures, and package editors, and tools for remote administration. Database alarm detectors and event **schedulers** are important additions. In addition to beefing up its administration tools, Oracle could also make...

...Battlestar works on the principle of agents, which require a one-time setup on each **client** and **server** and work on a push-pull principle that lets you install or upgrade Oracle software...

...the Oracle software on a shared file server. Battlestar will also have features for license **management** and **database** administration.

We see this as a major step for Oracle in enterprise-wide administration and...

...Server

The acquisition of Powersoft (and therefore Watcom) has given Sybase one of the top **client/server** development tools as well as an entry into the desktop and shrink-wrapped application markets...

...Powersoft should silence those critics, but Sybase -- like Oracle -- still lacks competitive administration tools for **database management**. In the workgroup market, Sybase lacks administration tools. For the corporate workgroup, this may not...SQL Server objects. It lets you configure the amount of memory to be used to **load** a **database** object by defining named regions and allocating database objects, such as tables, to a named...

...can offer you application development and server access from the laptop to the largest massively **parallel** Unix systems. Oracle's great strengths are broad platform support (including the Macintosh and various ...into the workgroup market by providing enhancements to Online Dynamic Server's architecture such as **parallel** features, optimizer enhancements, BLOB support. and improved database performance. It will also offer enterprise-wide...

...the staff at DBSS Inc. DBSS is a business and technology consulting firm specializing in **client/server** database technology, located in San Mateo, California. You can reach Josh and Bharat at 415...

41/3,K/4 (Item 4 from file: 275)  
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01629818 SUPPLIER NUMBER: 14763401 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Parallel Oracle 7.1. (sneak preview of Oracle Corp.'s new parallel query option) (Server Specific)  
Bobrowski, Steve  
DBMS, v6, n13, p89(3)  
Dec, 1993  
ISSN: 1041-5173 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1875 LINE COUNT: 00153

ABSTRACT: Version 7.1 of Oracle Corp's Oracle relational **database management** system (RDBMS), scheduled for release in early 1994, will include robust parallel query processing features...

... single disk. Figure 2 (page 93) illustrates how parallel query systems, with and without partitioning, **handle** a single query that requests a sorted scan of all rows in a large database...

...disk partitions) can be done according to several strategies. For example, with key partitioning, you **assign** rows to partitions according to each row's key value. With hash partitioning, which is...

...current load of the system. When the load increases, Oracle starts more query servers to **handle** user **requests** without waiting. With lighter loads, Oracle terminates query servers to reduce the process overhead on...

...an adequate number of query servers, but not so many as to overburden the system.

#### **Controlled Parallelism**

The Oracle server offers application developers and database administrators several features to **control** the degree of parallelism (number of query servers) the system will use for executing parallelized statements. This type of **control** is very important in preventing individual ...initialization parameter, and for individual tables, using the CREAT TABLE or ALTER TABLE commands. These **controls** are useful when ad hoc statements access a table without regard for parallelism **control**. Finally, the previous two parallelism **controls** take a back seat if they try to override the maximum degree of parallelism throughout...

...of all the processors in a multiprocessor computer. It parallelizes SQL statements, index builds, data **loads**, and even **database** recovery. And all this comes in a maintenance release! On the other hand, without a...

41/3,K/5 (Item 5 from file: 275)  
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01539361 SUPPLIER NUMBER: 12631846 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
DB2 does **client/server**: an ambitious **client/server** system development effort to aid social workers in Kentucky. (IBM's DB2

database management system) (Case Study)  
Herndon, David  
DBMS, v5, n11, p68(3)  
Oct, 1992

ISSN: 1041-5173 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2892 LINE COUNT: 00230

DB2 does **client/server**: an ambitious **client/server** system development effort to aid social workers in Kentucky. (IBM's DB2 database management system) (Case Study)

#### TEXT:

AN AMBITIOUS **CLIENT/SERVER** SYSTEM DEVELOPMENT EFFORT TO AID SOCIAL WORKERS IN KENTUCKY.

... 3270-based screens were defined to meet the early requirements of the proposed system.

Enter **Client/Server**

Once the JAD sessions were completed and the notes and documentation

reviewed, it became evident...

...class mainframe was not going to be sufficient. Integrating TWIST case data with word processing, **scheduling**, electronic mail, ticklers (reminders), and reporting was going to be a challenge if the application ...

...drawing on IBM's experience with the Maryland project. An interesting combination of players were **assigned** to the TWIST project to assist with the **external** design. IBM worked with several Kentucky...

...up to 1000 single-cursor connections to DB2. If the TWIST application needs four SQLWindows "handle" connections to DB2, we estimate that one gateway PC will be required for every 200...reaction was something similar to "Well then, this is not really going to be a **client/server** application is it?" Actually, TWIST still is a pure **client/server** system. I'll refrain from offering yet another definition of the **client/server** concept, but when it comes to TWIST, the database server (the gateway and DB2) and...

...some of the other DB2 applications currently in production. Early indications are that the transaction **load** against the **database**, in terms of the complexity of queries and updates, will be rather small.

Challenges Ahead...

...database connection details. This API would use a local "SQL engine" on the workstation that **handles** all database connections and manages a pool of database **handles**. This engine could be a Windows DLL or another SQLWindows runtime application that **handles** database access **requests** from other runtime modules. If implemented as a DLL, the engine could be accessed with...

...closely resemble the standard SQLWindows Application Language functions.

Another TWIST challenge is security. Implementing a **client/server** system that takes advantage of mainframe resources can strike fear in the hearts of mainframe system administrators, programmers, and DBAs. Kentucky state currently uses IBM's Resource Access Control Facility (RACF) and execution plans to **handle** all DB2 security and does not issue grants at the table level. SQLHost will allow...

41/3,K/6 (Item 6 from file: 275)  
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01515341 SUPPLIER NUMBER: 12123970 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Imprinta and Seybold showcase, part III: authoring, managing, producing  
text.  
Seybold Report on Publishing Systems, v21, n14, p3(32)  
April 13, 1992  
ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

41/3,K/7 (Item 7 from file: 275)  
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01515075      SUPPLIER NUMBER: 12139084      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Optimizing your network for database rigors. (Network Solutions) (Tutorial)  
O'Harra, Steven L.  
Data Based Advisor, v10, n5, p93(9)  
May, 1992  
DOCUMENT TYPE: Tutorial      ISSN: 0740-5200      LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 4694      LINE COUNT: 00368

... elevator-seeking and caching techniques. Assuming the cache buffers are high, most of the write **requests** are **handled** in the background via the dirty cache buffers (without the user seeing the delay). Large...server

applications

To optimize a server for database use, it is often best to off-load the **database** onto a dedicated database server. This server can then have its volumes, buffers, blocks, cache...

...provides. This server may be enhanced through the Btrieve VAP, NLMs, and finally, for the **client/server** environment.

This also allows the server to keep the database files largely in cache. If...

...drive failure) is easier and more successful since the data is now highly grouped and **sequential**.

NetWare Lite, Lantastic, Network OS, and other such network operating systems that sit on top...

...DESCRIPTORS: **Network Management**

41/3,K/8      (Item 1 from file: 621)  
DIALOG(R) File 621:Gale Group New Prod.Annou. (R)  
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02576708      Supplier Number: 63556793      (USE FORMAT 7 FOR FULLTEXT)  
Connex N3000 NDMP Backup for NAS Enabled With Syncsort's Backup Express.  
PR Newswire, pNA  
July 19, 2000  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 990

... operation on the N3000(TM) NAS appliance, providing LAN-free NAS backup operations using the **Network Data Management Protocol** (NDMP).

The Connex N3000 was one of the first products in its class to...

...improving network performance by eliminating backup traffic from the LAN.

Backup Express supports NDMP to **control** the backup and restoration of an N3000 appliance to/from locally attached tape drives or ...

...site and off-site media and tape devices) in the backup enterprise. The Master Server **handles** all traffic **requests** from any machine on the SAN requesting a tape resource. If available, drive(s) are **assigned** immediately and dynamically, or jobs are queued until the

drives become available. Backup and restore...

...administration, the Connex N3000 provides storage without needing an MCSE. Departments and workgroups can now **control** their destiny with the ability to cost-effectively manage their current and future storage needs...

...s products are used in more than 50 countries to speed data warehouse processing, improve **database loads**, speed query processing and data mining projects and to backup and protect vital corporate information

...

41/3, K/9 (Item 1 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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08478132 Supplier Number: 72606401 (USE FORMAT 7 FOR FULLTEXT)  
Helpdesk Heroes -- EDS' Managed WorkSpace Services solution provides our fictional hospital with great savings today and a promise of supporting growth tomorrow. (Industry Trend or Event)  
Doherty, Sean  
Network Computing, p53  
April 2, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 6109

... and offerings from PeopleSoft. Metro also has clinical, diagnostic and patient data warehoused in Oracle **databases**.

Oracle user **identifications** and passwords are handled separately from Metro's NT domain database and are reserved for...

...Respond to all voicemail messages within four hours and e-mail messages within two hours.

- **Schedule** on-site visits for supported software within five days.

- Triage high-priority calls to Metro...field problem calls by phone or e-mail, and record the calls into a problem-**management database** as a service request or trouble ticket. At that time, the RMC "assume(s) ownership..."

...project and procurement requests, providing management with a point of entry. The business support center **handles requests** to install, move, add or change support for hardware, software, and voice products and services...design, install and manage information-management opportunities; expanded IT support services that include LAN and **client/server** systems; and imaging and electronic document management. Last, EDS' consulting firm, A.T. Kearney, can...wizard provides the flexibility to customize automatic ticket closures, notifications, escalation procedures and call-back **scheduling** of open tickets to tailor services to Metro's needs.

Fused Solutions, like Seneca, would...s terms and conditions for answering calls and responding to voicemail and e-mail. However, **scheduling** on-site visits for software problems is a full-service solution, not part of OCS...answering calls, voicemail and e-mail. Seneca, like Fused Solutions, would not commit to scheduling **on-site visits** to support software within five days. It leaves this to a partner, selected

...

41/3, K/10 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07589025 Supplier Number: 63556793 (USE FORMAT 7 FOR FULLTEXT)  
Connex N3000 NDMP Backup for NAS Enabled With Syncsort's Backup Express.  
PR Newswire; pNA  
July 19, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 990

... operation on the N3000(TM) NAS appliance, providing LAN-free NAS backup operations using the **Network Data Management Protocol** (NDMP).

The Connex N3000 was one of the first products in its class to...

...improving network performance by eliminating backup traffic from the LAN.

Backup Express supports NDMP to **control** the backup and restoration of an N3000 appliance to/from locally attached tape drives or ...

...site and off-site media and tape devices) in the backup enterprise. The Master Server **handles** all traffic **requests** from any machine on the SAN requesting a tape resource. If available, drive(s) are **assigned** immediately and dynamically, or jobs are queued until the drives become available. Backup and restore...

...administration, the Connex N3000 provides storage without needing an MCSE. Departments and workgroups can now **control** their destiny with the ability to cost-effectively manage their current and future storage needs...

...s products are used in more than 50 countries to speed data warehouse processing, improve **database loads**, speed query processing and data mining projects and to backup and protect vital corporate information

...

41/3, K/11 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04312261 Supplier Number: 46320999 (USE FORMAT 7 FOR FULLTEXT)  
Ease Of Construction  
InformationWeek, p01A  
April 22, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 1585

... drivers are installed by default when setting up IIS.

Use the ODBC applet in the **Control Panels** group to configure a system DSN so the ODBC driver can communicate with the...

...DSN of "Web SQL." The IIS help files contain detailed instructions for using the ODBC **Control** Panel applet.

Create HTML pages

Since the back end of this application is a fully functional relational **database management** system, the data can be sliced and diced in any number of ways. For this...

...in this case "Web SQL") and the SQL statement to execute. The IDC file also **maps** the names of the HTML input variables into the SQL statements.

The communication between the...

...file extension of ".idc." If I name the IDC file "service.idc," the Web server **loads** the Internet **Database** Connector when that file is requested.

The "service.idc" file contains a query to select...SQL for the query. The IDC then passes this on to the ODBC driver, which **handles** the **request** with the database. The IDC then combines the returned data with the HTML template file...

41/3, K/12 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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12382902 SUPPLIER NUMBER: 63556793 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Connex N3000 NDMP Backup for NAS Enabled With Syncsort's Backup Express.  
PR Newswire, NA  
July 19, 2000  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1060 LINE COUNT: 00092

... operation on the N3000(TM) NAS appliance, providing LAN-free NAS backup operations using the **Network Data Management** Protocol (NDMP).

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...improving network performance by eliminating backup traffic from the LAN.

Backup Express supports NDMP to **control** the backup and restoration of an N3000 appliance to/from locally attached tape drives or ...

...site and off-site media and tape devices) in the backup enterprise. The Master Server **handles** all traffic **requests** from any machine on the SAN requesting a tape resource. If available, drive(s) are **assigned** immediately and dynamically, or jobs are queued until the drives become available. Backup and restore...

...administration, the Connex N3000 provides storage without needing an MCSE. Departments and workgroups can now **control** their destiny with the ability to cost-effectively manage their current and future storage needs...

...s products are used in more than 50 countries to speed data warehouse processing, improve **database loads**, speed query processing and data mining projects and to backup and protect vital corporate information

...

41/3, K/13 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08620428 SUPPLIER NUMBER: 18221374 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Ease of construction. (how to build intranet applications by connecting Web  
browsers and servers to databases) (Technology Tutorial)  
Jurvis, Jeff  
InformationWeek, n576, p1A(3)  
April 22, 1996  
ISSN: 8750-6874 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1515 LINE COUNT: 00131

... drivers are installed by default when setting up IIS.  
Use the ODBC applet in the **Control** Panels group to configure a  
system DSN so the ODBC driver can communicate with the...

...DSN of "Web SQL." The IIS help files contain detailed instructions for  
using the ODBC **Control** Panel applet.

Create HTML pages

Since the back end of this application is a fully functional  
relational **database management** system, the data can be sliced  
and diced in any number of ways. For this...

...in this case "Web SQL") and the SQL statement to execute. The IDC file  
also **maps** the names of the HTML input variables into the SQL  
statements.

The communication between the...

...file extension of ".idc." If I name the IDC file "service.idc," the Web  
server **loads** the Internet **Database** Connector when that file is  
requested.

The "service.idc" file contains a query to select...SQL for the query.  
The IDC then passes this on to the ODBC driver, which **handles** the  
**request** with the database. The IDC then combines the returned data  
with the HTML template file...

41/3, K/14 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08124425 SUPPLIER NUMBER: 17389671 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Plastics technology: manufacturing handbook & buyers' guide 1995/96. (Buyers  
Guide)  
Plastics Technology, v41, n8, pCOV(941)  
August, 1995  
DOCUMENT TYPE: Buyers Guide ISSN: 0032-1257 LANGUAGE: English  
RECORD TYPE: Fulltext

41/3, K/15 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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06145811      SUPPLIER NUMBER: 12771245      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
A software diet to fatten sales. (selecting appropriate application  
software) (includes related article)  
Close, Wendy S.  
Sales & Marketing Management, v144, n12, p76(6)  
Oct, 1992  
CODEN: SMMAD      ISSN: 0163-7517      LANGUAGE: ENGLISH      RECORD TYPE:  
    FULLTEXT; ABSTRACT  
WORD COUNT: 3482      LINE COUNT: 00286

... should run concurrent to your field program. The home office sales and marketing system should **handle** field sales **requests** such as literature fulfillment, inquiry **handling**, lead tracking, and other features that support field sales. For example, field sales may not...

...letter that will be sent to a customer by the home office support staff.  
WHO **CONTROLS** WHAT, WHEN?

As a rule, the field sales force gets first crack at new information systems because buying decisions are **controlled** and influenced, for the most part, in the field, although special circumstances may dictate a

...  
...of events. A marketer who has a high market share and whose field sales force **controls** 80% of the sales situations due to repeat sales and new business, for instance, will...

...put the first portables in the hands of sales managers, since they have almost complete **control** of the sales process.

Paul H. Selden, in his Guide to Implementing Sales Automation (Sales

...

...For example, a word-processing package found in a sales and marketing system integrated with **database management**, telemarketing, account management, customer service, etc., won't offer as many options for formatting a...

...system. Each department is integrated by using a multipurpose sales and marketing software package.

2. **Database management**. In this second core application, all relevant information should reside in the salesperson's computer... E-mail, and databases among themselves (as well as with others in the organization).

Account **management**, **database management**, and EDI can serve as the initial software "triumvirate" for your field sales sample group. Of course, this depends on both the priorities your salespeople **assign** to the features and the functions they request--in addition to your staff's computer expertise.

Additional software functions can be **assigned** in phase two of the development cycle, which will begin when your field staffs sample...

...envelopes, and cards; word processing.

\* Customer service: inventory checking, quote status.  
\* Personal: activity log, auto-**assignment**, expense tracking,

tickler, utilities.

\* Sales calls: call reporting, call tracking, contact management, order entry/processing...

...next level to tackle is sales management. Obviously, managers want

software that enables them to download the **databases** of salespeople working in their district or region, as well as enabling them to view...mail, mailing list services.

- \* Lead management: cost per lead analysis, lead tracking.
- \* Product literature: inquiry **handling**, literature fulfillment.
- \* Miscellaneous: advertising and public relations tracking and analysis, market information, marketing planning and...

...the loop, a customer service information system is then phased in. If customer service is **handled** outside of field sales, then the customer service logs of individual accounts should be downloaded into the computers of the reps **handling** the individual accounts. in managing their accounts, salespeople need the information on the account's...

41/3, K/16 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00952038 96-01431  
Database requirements for CIM applications  
Kappel, Gerti; Vieweg, Stefan  
Integrated Manufacturing Systems v5n4,5 PP: 48-63 1994  
ISSN: 0957-6061 JRNLD CODE: ING  
WORD COUNT: 11707

...TEXT: Our investigation focuses mainly on engineering design (computer-aided design), manufacturing engineering, production planning and **control**, manufacturing and quality assurance.

The realization of CIM requires very complex algorithms, suitable organizational structures...

...decisions at the strategic planning level down to the specific technical decisions at the machine **scheduling** level. Consequently, the database system's services and performance must be very compound in order...

... Due to the distributed nature of manufacturing we will also address issues of distributed data **management**.

A **database management** system (DBMS) is a collection of mechanisms and tools for the definition, manipulation and **control** of databases (DB). A database system (DBS) consists of a DBMS and one or more ...

...application programs and databases (data independence);

- \* consistent and concurrent access of multiple users to the **database** (**transaction management**);
- \* recovery from system failures and restoring the database to a consistent state (**recovery management**); and...the data itself (**physical database**). The physical database is managed by the file manager which **handles requests** from the database manager. The database manager operates on the conceptual level and co-ordinates...

... the user's point of view is managed by the query processor. The query processor **handles** access to the database, either from application programs or from interactively stated user queries. The involved resources (data and **control**) may be organized centrally or distributed. This

leads us to an important requirement of CIM...  
...or services) in a distributed environment. In contrast, in a distributed database system the access **control** to subunits located at different nodes is kept completely invisible to the users of such...

... their heterogeneity[17,18]. The autonomy of the database systems refers to the distribution of **control** over the manipulated data. This corresponds to independently ... is due to distinct data models (structures, constraints, DDL and DML), distinct management features (concurrency **control**, commit strategies, recovery) and semantic heterogeneity (= distinct schemas). The latter is probably the most difficult...

... for modelling a given task if the information of the application environment can be easily **mapped** to the data model. Thus, we first analyse the involved data and then we derive...

...appropriate for CIM applications.

The application environments in CIM vary from business applications to machine **control**. The data encountered can be classified into the following kinds[21]:

\* product data;

\* production data...

...procedures.

Operational data consist of all information about the production process itself. This includes production **schedules**, production planning data and machine/part related data. Resource data describe the resources involved in... to data types, valid ranges and access conditions. In real-time systems such as manufacturing **control**, consistency mainly refers to timing constraints, and triggering and automatic invocation of actions under specific...

... part of the data model and of the DBS considered in a CIM environment. Active **database management** systems (ADBMS) are designed to support the definition of consistency constraints in terms of production...

... their exact solution is not feasible with respect to time and computing resources. Consider the **assignment** of work orders to machines or manufacturing cells. Dependent arrival rates of work orders, missing...  
...Traditional optimization methods are mostly inapplicable. The automation of such tasks requires a method to **handle** uncertain data and some inference mechanism which still works under uncertain situations. Expert system and...

... product. In the second part we investigate the functional units of database systems which should **handle** these requirements.

The management and **control** tasks in a manufacturing enterprise are built up hierarchically. The requirements with respect to the...

...and response time differ from level to level. Table II gives an overview of this **control** hierarchy including a sketch on the amount of data involved and the required response time...

...range of minutes and the amount of processed data is relatively high. On the machine **control** level the response time has to be very short; small amounts of data gathered with...

... have to be transformed immediately. In our analysis we focus on the engineering and manufacturing **control** levels.

In addition to size and time requirements, accessing a CIM database differs considerably from... the parts and assemblies have to be designed and NC programs must be implemented and **assigned** for the individual production of the parts. In case of robot use in work cells...

... Furthermore, changes in the design of assemblies and their effects on manufacturing have to be **controlled**.

All phases in manufacturing require administrative support. Thus, business computing is not only important per...

... querying and manipulation by multiple users are presented in the following. These include:

\* advanced transaction **management**;

\* flexible **database** access;

\* change **management**; and

\* interfaces.

In the following we will discuss these features in turn.

#### ADVANCED TRANSACTION MANAGEMENT...

... huge amounts of small records are performed. CIM applications such as engineering design and production **control** have different access patterns and thus need advanced transaction management concepts, such as semantics based concurrency **control**, co-operative and long transactions, real-time transactions, and hypothetical transactions.

In an engineering environment...

... different, as pointed out in the previous section. Furthermore, the processing of designs or manufacturing **schedules** in production planning is a highly interactive task. The processing times are much longer than...

... using the no-read-write conflict paradigm has to be extended to semantics based concurrency **control**[32]. The conventional approach to the problem of concurrency **control** is based on the synchronization of database reads and writes. The concurrent execution of transactions...

... the same result as if they were executed serially (concept of serializability). Semantics based concurrency **control** concepts relax this requirement using knowledge about the application domain, the application process, and the...

... one way to accomplish this task, versioning is another (see section on change management).

Manufacturing **control** and factory cell management are closely related to the actual manufacturing process, not only logically...

... also with respect to time. This requires immediate reaction to changes reported from the machine **control** sensors. Machine breakdowns or problems with the part supply system may require the **re-scheduling** of work orders. The response time requirements in cell management and machine **control** reflect real time conditions. Real-time databases guarantee that a transaction commits until a certain...

... for each transaction, soft real-time databases guarantee it for a definable percentage of the **database load**. In either of these two cases the **scheduling** of the transactions has to cope with resource constraints of any kind (availability of material...  
... management overhead of normal transactions. As an example consider a what-if analysis for the **scheduling** of additional work orders in an interactive production planning and **control** system. For further information on advanced transaction management the interested reader should refer to [35...]

... under development; see also example in ORION above) or the extension of programming languages with **database** functionality.

#### CHANGE MANAGEMENT

Let us further elaborate on the example of the production plan. It is not only desirable to compute the production plan but also to **handle** several versions for comparison and optimization. For example, the production planning and **control** system optimizes the timely production of products. The optimization process heavily relies on constraints based...

...keeping track of evolving data values, i.e. the values of the attributes in a **controlled** way. Versioning of data is very important during the course of the design process of...geographically distributed nature of various CLM tasks a minimum requirement for "integrated" solutions is a **client/server** architecture, which is realized via some communication networks.

Based on the current situation in manufacturing...when discussing multi data management issues) a central database solution must be based on a **client/server** architecture, where several client applications are distributed over different nodes of a communication network and access data from a single central database via a database server process. This **m clients/1 server** architecture bears several disadvantages.  
First, the server might soon be the performance bottleneck since all...

... These problems may be overcome with distributed database systems which are based on an **m clients/n servers** architecture. Although a single global database schema exists and all users (client processes) may query...

... data transparency which hides the physical distribution of data, have already been discussed. A distributed **database management** system should provide these kinds of transparency.

#### MULTI DATA MANAGEMENT

The assumption that there are...

... on the level of abstractions, sales and marketing information, product

and production information, and manufacturing **control** data may have equal structures in different enterprises. Thus, it is advantageous to reuse existing...

... models and to provide translation mechanisms for accessing the local data models. It is the **database management** system's task to invoke these translations when different databases are accessed simultaneously. In any...

... the access to multiple databases has to be managed in a consistent way. Distributed concurrency **control** mechanisms and distributed commit protocols take care of this requirement. Distributed concurrency **control** allows co-ordination of the access to multiple distributed databases. Distributed commit protocols provide mechanisms to achieve atomicity in the distributed case of database access. A detailed analysis of concurrency **control** in distributed databases and multidatabases can be found in [52].

#### REVERSE ENGINEERING OF DATA

Not...First, it is highly advantageous that the whole manufacturing process including the business activities is **scheduled** and monitored by some integrated database system. If there are any deviations from the **schedule**, correcting actions can be taken immediately (see the section on active consistency checking and knowledge...).

...data management.

Extensions to object-oriented programming languages incorporate database functionality such as persistence, concurrency **control**, and recovery into existing programming languages like C++ and Smalltalk. The advantages of this approach... are characterized by the development of a new object-oriented data model together with a **database management** system. We are aware of only one commercial product qualifying as new development, O sub...

... and knowledge-base support. Within the realm of querying and manipulation we elaborated advanced transaction **management** issues, flexible **database** access structures, change management issues like versioning and schema evolution, and interfaces to various data...

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41/3,K/17 (Item 2 from file: 15)  
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00644007 92-58947  
A Software Diet to Fatten Sales  
Close, Wendy S.  
Sales & Marketing Management v144n12 PP: 76-82 Oct 1992  
ISSN: 0163-7517 JRNL CODE: SAL  
WORD COUNT: 3340